PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

OPE	VCB!
MAY 23	Mar and
PATENT & TR	DEMARK

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/656,795
Filing Date	September 6, 2003
First Named Inventor	Ashish THUSOO
Art Unit	2161
Examiner Name	Safet Metjahic
Attorney Docket Number	OI7035722001

	ENCLOSURES (check all that apply)	
Fee Transmittal Form	Drawing(s)	After Allowance Communication to TC
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences
Amendment / Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
After Final	Petition to Convert to a Provisional Application	Proprietary Information
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter
Extension of Time Request	Terminal Disclaimer	Other Enclosure(s) (please identify below):
Express Abandonment Request	Request for Refund  CD, Number of CD(s)	Form PTO/SB/08b (1 page), 2 references, a copy of International Search Report and Written Opinion for PCT/US2004/028735
Information Disclosure Statement	☐ Landscape Table on CD	and postcard receipt
Certified Copy of Priority Document(s)	Remarks	
Reply to Missing Parts/		
Incomplete Application		
Reply to Missing Parts under 37 CFR1.52 or 1.53		
SIGN	NATURE OF APPLICANT, ATTORNEY, (	DR AGENT
Firm	Bingham McCutchen LLP	
Signature	Quet D. Cha	nce
Printed Name	Janet D. Chance	
Date	May 19, 2005 Reg. No.	55,048
	CERTIFICATE OF TRANSMISSION/MA	AILING
I hereby certify that this corresponden	ice is being facsimile transmitted to the USPT	O or deposited with the United States Postal

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing he burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

May 19, 2005

Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450,

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Alexandria, VA 22313-1450 on the date shown below.

Tina M. Ingrande

Signature

Typed or printed name



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Ashish THUSOO et al.

Serial No.: 10/656,795

Filing Date: September 6, 2003

For: METHOD AND SYSTEM OF HANDLING

DOCUMENT OPERATION REQUESTS ON

DOCUMENTS HAVING LARGE

COLLECTIONS WITH CONSTRAINED

**MEMORY** 

Confirmation No.: 7099

Examiner: Safet Metjahic

Group Art Unit: 2161

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 198, the items identified in this Information Disclosure Statement (IDS) are being brought to the attention of the Office. The items are listed on the attached forms PTO/SB/08a and PTO/SB/08b. The Examiner is requested to make these documents of record.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicants is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicants as such.

## 1. Timing of the Information Disclosure Statement:

This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) with the new patent application submitted herein (37 CFR § 1.97(a)); or (2) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d) or (3) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (4) before the

mailing o	of a firs	t Office action on the merits; or (5) before the mailing of a first Office action after filing
a request	t for co	ntinued examination under § 1.114. Thus, no fee is required.
[		However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.
[		However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.
	This ID	S is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office Action
on the m	erits, b	ut before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under
37 CFR	§ 1.311	
[		The fee due under 37 CFR § 1.17(p) is submitted herewith.
[		The fee due under 37 CFR § 1.17(p) is being concurrently submitted with the filing of an electronic IDS submission. Thus, no additional fee is required.
		A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.
	This ID	S is being submitted under 37 CFR § 1.97(d), that is after a Final Action under
37 CFR	§ 1.113	or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A
statemen herewith		37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted
		S is being submitted under 37 CFR § 1.97(i), that is after a Final Action under or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee.
		STATEMENT UNDER 37 CFR § 1.97(e):
	No item	contained in this IDS was cited in a communication from a foreign patent office in a
counterp	art fore	ign application not more than three months prior to the filing of this IDS.
1	No item	contained in this IDS was cited in a communication from a foreign patent office in a
		ign application, and, to the knowledge of the person signing this statement after making
reasonab	ole inqu	iry, no item of information contained in this IDS was known to any individual designated
in 37 CE	TR 8 1 5	6(c) more than three months prior to the filing of this IDS

2. Copies of the Cited Hems.
Copies of all of the items listed on the attached forms PTO/SB/08a and PTO/SB/08b are enclosed.
Copies of only the following items listed on the attached forms PTO/SB/08a (Item Nos. *) and PTO/SB/08b (Item Nos. *) are enclosed.
Copies of the following items listed on the attached form PTO/SB/08a (Item Nos. *) are not enclosed. See 37 CFR 1.98(a)(2)(i).
Copies of the following documents listed in PTO/SB/08a (Item Nos. *) and PTO/SB/08b (Item Nos. *) are not supplied as they were previously cited by the Office or submitted in Information Disclosure Statements in related applications (Application No. *, filed *) and relied upon in this application for an earlier filing date under 35 USC § 120. See 37 CFR § 1.98(d). The Examiner is requested to make these documents of record.
Copies of the following items listed on the attached forms PTO/SB/08a (Item Nos. *) and PTO/SB/08b (Item Nos. *) were cited in a foreign examination report in a related case. A copy of the search report and the cited references not already of record in this application are attached hereto.
3. Concise Explanation of Relevance:
A concise explanation of relevance of the items listed on forms PTO/SB/08a and PTO/SB/08b in not given.
A concise explanation of relevance of [some of] the items listed on forms PTO/SB/08a and PTO/SB/08b is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references (copy attached).
4. Related Applications:
Applicant(s) bring to the Office's attention the following related application(s): U.S. Patent Application No. * filed *, now U.S. Patent No. *.

5. Conclusion:

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant

invention;

2. a representation that a search has been made, other than as described above; and

3. an admission that the information cited herein is, or is considered to be, material to

patentability as defined in § 1.56(b).

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached forms PTO/SB/08a and PTO/SB/08b with initials or other appropriate marks. In the unlikely event that the transmittal letter is separated from this document and the U.S. Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 50-2518** referencing 7035722001. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: May 19, 2005

Janet D. Chance

Registration No. 55,048

Bingham McCutchen LLP Three Embarcadero Center, Suite 1800 San Francisco, California 94111-4067

Telephone: (650) 849-4400 Facsimile: (650) 849-4800

PTO/SB/08b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B-PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Comple	te if Known
Application Number	10/656,795
Filing Date	September 6, 2003
First Named Inventor	Ashish THUSOO
Art Unit	2161
Examiner Name	Safet Metjahic
Attorney Docket Number	OI7035722001

	· 	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T <sup>2</sup>
	1	GRAY, J. and A. REUTER "Chapter 13. File and Buffer Management" in <u>Transaction Processing: Concepts and Techniques</u> , Morgan Kauffman Publishers, San Mateo, CA (1993) pp. 661-741	
	2	GRAY, J. and A. REUTER "Chapter 14. The Tuple-Oriented File System" in <u>Transaction Processing: Concepts and Techniques</u> , Morgan Kauffman Publishers, San Mateo, CA (1993) pp. 751-823	
	3	International Search Report and Written Opinion for PCT/US2004/028735 dated February 23, 2005	
			-
		,	
			-
			$\vdash$
V1			$\vdash$
			F
			<del>                                     </del>
Examiner's Signature		Date Considered	

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.